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JUN 11 1999
PATENT & TRADEMARK OFFICE

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PATENT
Attorney Docket No.: 014643-009020US

Assistant Commissioner for Patents
Washington, D.C. 20231

On June 8, 1999

TOWNSEND and TOWNSEND and CREW LLP

By: Marcia Jarmus

KB
6-24-99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Lonberg, et al.

Application No.: 08/728,463

Filed: October 10, 1996

For: TRANSGENIC NON-HUMAN
ANIMALS CAPABLE OF PRODUCING
HETEROLOGOUS ANTIBODIES

Examiner: Phillip Gambel, Ph.D.

Art Unit: 1644

AMENDMENT and RESPONSE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Responsive to the Office Action mailed December 08, 1998, Applicants respectfully submit under 37 C.F.R. §1.116 entry of the amendments and consideration of the remarks set forth herein. Applicants herein submit a petition for a three month extension of time to June 08, 1999, under 37 C.F.R. §1.136, with the appropriate fee under 37 C.F.R. §1.17. Accordingly, this response is timely filed. The following documents are enclosed herewith:

06/25/1999 LPENDER 0000001 201430 00728463 Transmittal Letter

01 FC:102
02 FC:103

312.00 CH
378.00 CH

- Petition to Extend Time
- Appendix A: pending claims *after* entry instant amendment
- Appendix B: substitute pages 132, 138, 146, and 149
- Postcard